

Appln. No.: Not Yet Assigned
PRELIMINARY AMENDMENT

IN THE SPECIFICATION

**The attached one page abstract was inserted at the end of the application:
(one page abstract attached)**

The invention relates to a sealing element at least comprising a housing area, at least one dynamically active sealing area and at least one statically active sealing area which at least partially interacts with the housing area. The invention is characterized in that the static sealing area is at least partially laminated with a hardenable material containing a predetermined number of friction-reducing elements.

A substitute specification for pages 1-4 is attached. The changes to the specification are shown below:

The following changes were made to the title of the application:

Seal

SEAL ASSEMBLY

The following changes were made to the heading immediately prior to paragraph [0001]:

Description

BACKGROUND OF THE INVENTION

1. Technical Field

The following heading was inserted immediately prior to paragraph [0002]:

2. Related Art

The following heading was inserted immediately prior to paragraph [0007]:

SUMMARY OF THE INVENTION AND ADVANTAGES

The following changes were made to paragraph [0007]:

[0007] This invention addresses the task of furthering the work of the first patent claim in this business area of seal elements in such a manner that installation processes will be simpler, and exhibit sufficient staying power under operational conditions.

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Paragraph [0009] was removed in its entirety:

~~Advantageous further developments of the invention are cited in the subordinate claims.~~

The following heading was inserted immediately prior to paragraph [0018]:

THE DRAWINGS

The following changes were made to paragraph [0018]:

[0018] The invention object is represented in an execution example in a drawing, and is described as follows[[]] ~~The drawing depicts. :~~

The following changes were made to paragraph [0019]:

[0019] Figure 1 illustrates ~~Page 1: Principal sketch of a radial wave seal ring; and~~

The following changes were made to paragraph [0020]:

[0020] Figure 2 illustrates ~~Page 2: Principal sketch of a partial view of a sliding ring seal.~~

The following heading was inserted immediately prior to paragraph [0021]:

DETAILED DESCRIPTION

The following changes were made to paragraph [0021]:

[0021] Figure 1 shows a radial wave ring seal 1 [[(1)]] ~~containing~~ having a housing area 4 [[(4)]] ~~consisting of~~ provided by two sheet metal bodies 2, 3 [[(2, 3)]], a static seal area 5 [[(5)]] in the form of an elastomer layer on the external surface 6 [[(6)]] of the sheet metal body 2 [[(2)]], as well as a dynamic seal area 7 [[(7)]], made out of PTFE, for example, working in relation to the supplemental seal lip 8 [[(8)]] made up of the elastomer material used for the static seal area 5 [[(5)]]. The static seal area 5 [[(5)]] includes wave profile 9 [[(9)]] in this example, wherein the external perimeter 10 [[(10)]] of the wave profile 9 [[(9)]] has a covering 11 [[(11)]], which in this example is formed by a glue material that is hardenable by the effect of temperature. The glue material should consist of this composition for purposes of the example: 10% acrylic polymer, 5%

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PTFE and 85% water. The static seal area is to be mounted in the housing area 12 [[12]], which is only indicated, and not depicted, while the dynamic seal area 7 [[7]] and the rotating wave area 13 [[13]] have a functional work relationship to each other. Given the proportional utilization of PTFE within covering area 11 [[11]], an easier installation of the radial wave seal ring 1 [[1]] into the receptacle aperture 12 [[12]] can be achieved. Under operational conditions, when the environmental temperature of the receptacle aperture 12 [[12]] increases, the glue material will harden, resulting in at least a partial connection of the perimeter surface area 14 [[14]] with the receptacle aperture 12 [[12]], resulting in increased staying power.

The following changes were made to paragraph [0022]:

[0022] Along with greater ease of installation, brought about by use of friction-reducing elements, a not insubstantial increase in the staying power is brought about, so that movement of the radial wave seal ring 1 [[1]] out of the receptacle aperture 12 [[12]] can surely be inhibited.

The following changes were made to paragraph [0023]:

[0023] Figure 2 depicts a partial view of an axial sliding ring seal 15 [[15]]. That item contains a sliding ring 16 [[16]] with a dynamic sliding surface 17 [[17]], an external surface area comprising a housing area for receiving a static seal area 19 [[19]] made of an elastomer material. The static seal area 19 [[19]] works in conjunction with a receptacle aperture that is not depicted, and is coated with a covering material 20 [[20]] made of hardenable glue material to make installation easier, that covering material has the same or similar properties as covering area 11 [[11]] in accordance with Figure 1.